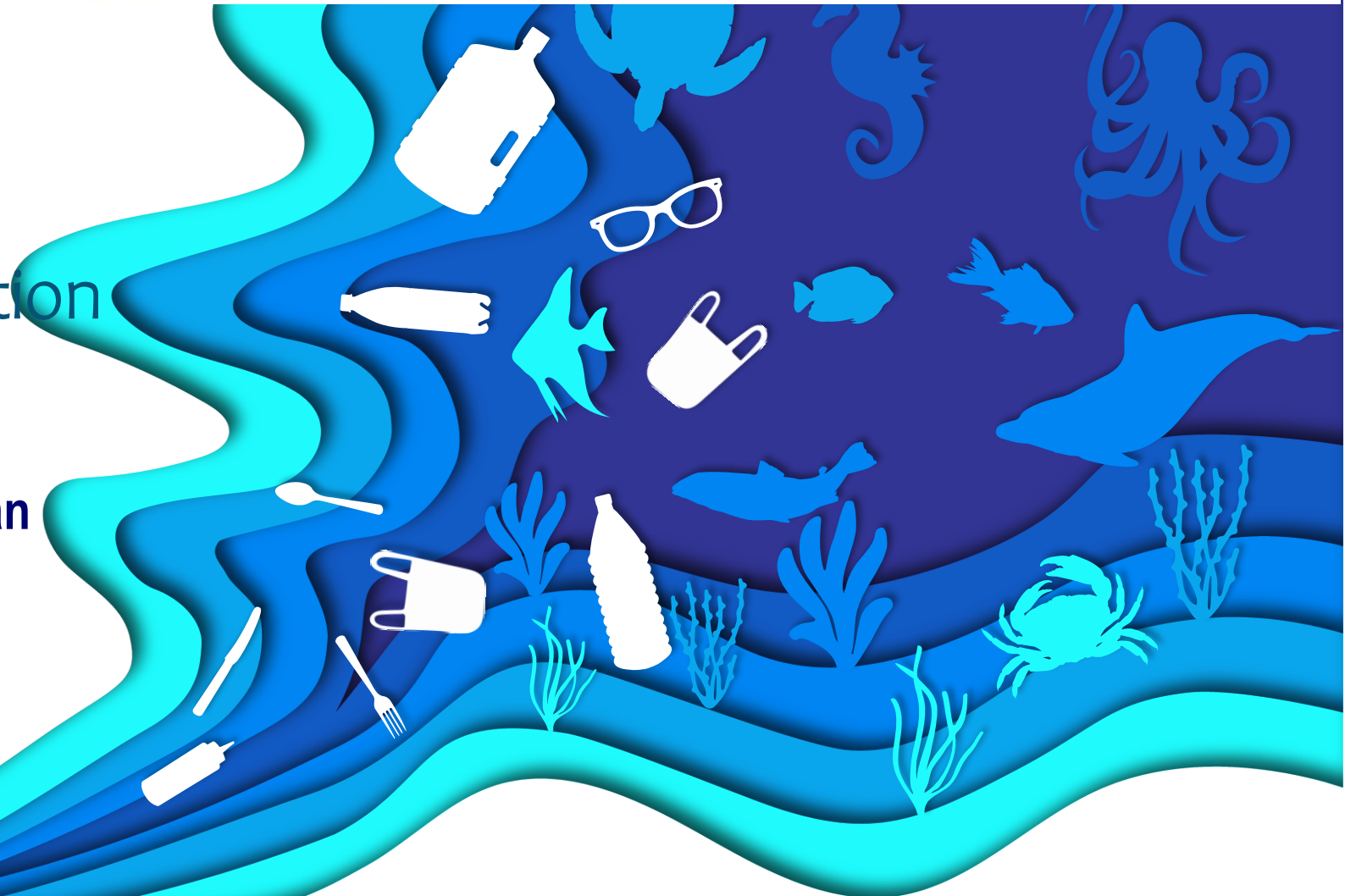
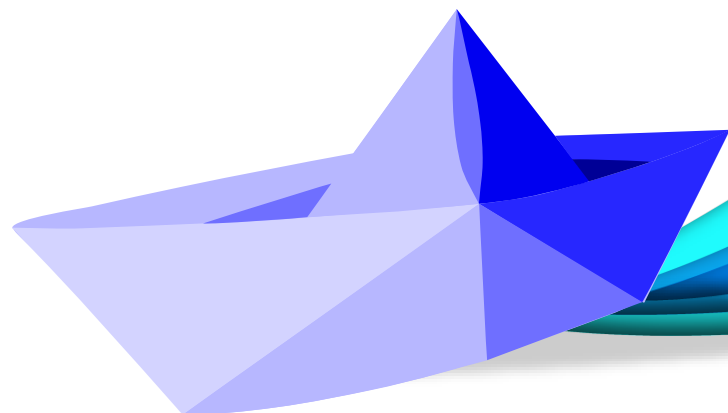


Contribution of 3Rs in Sustainable Tourism Development and Protection of Marine Ecosystem

**Win-Win Solutions through 3R as an
Economic Industry**

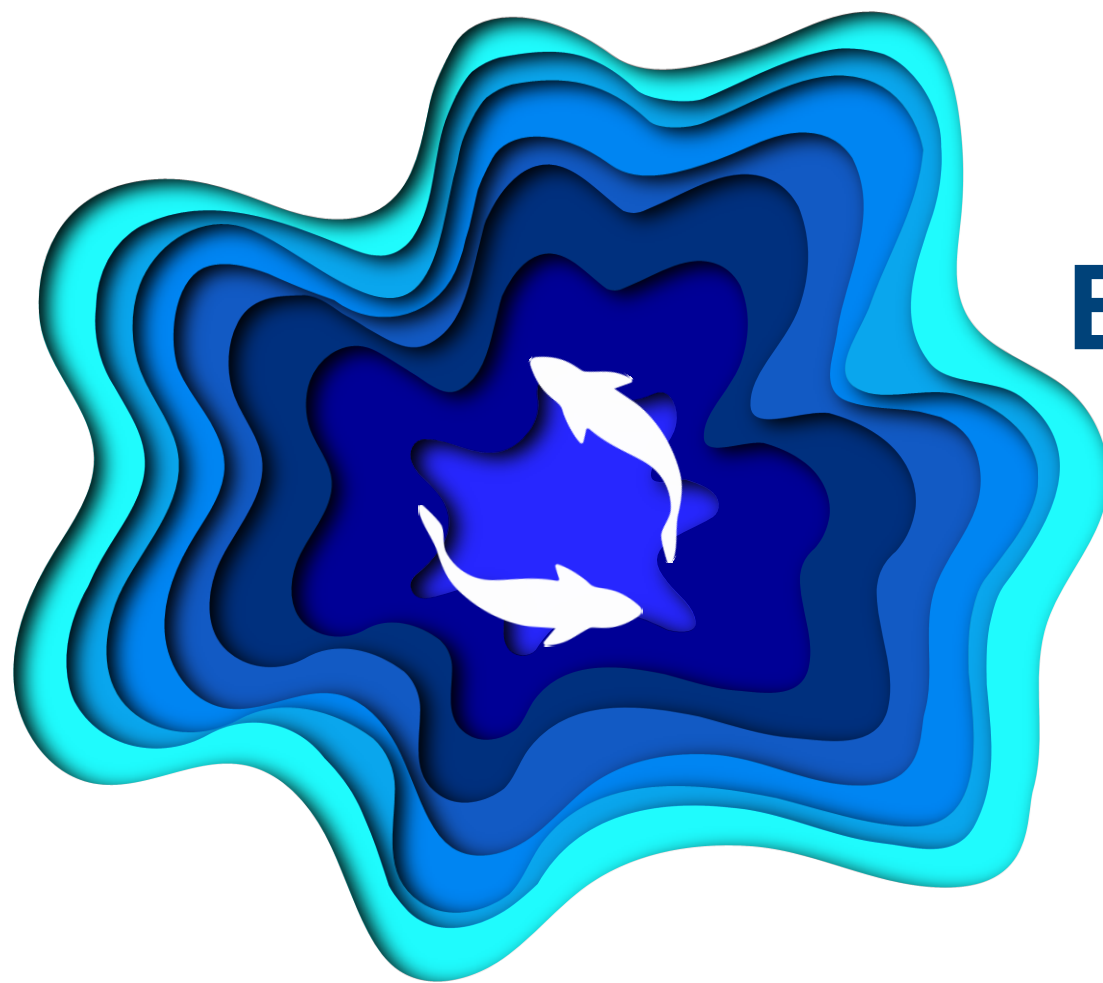


**MR/AbdelWahab Mohamed
General Manager
Ministry of Tourism – Alexandria Office**

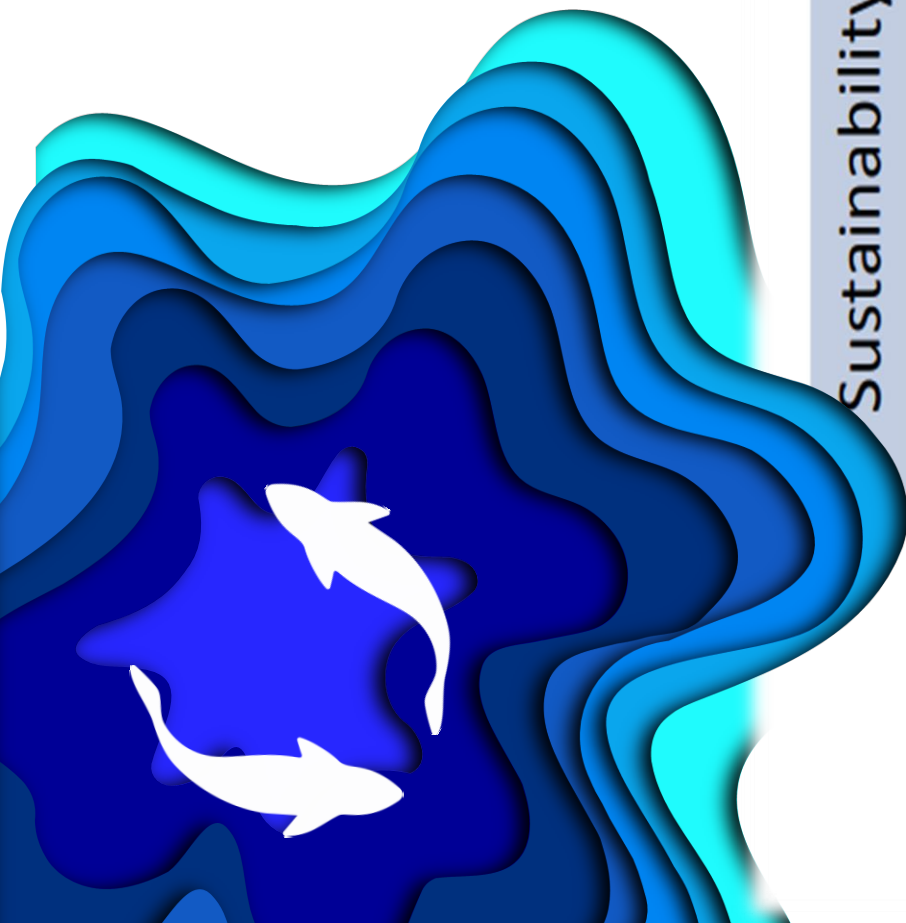
Impacts of Tourism

Challenges tourism development exerts on environment and society:





Tourism and Marine Ecosystem: The need for sustainability of society-nature interaction



Sustainability practices

A healthy ecosystem
benefits tourism
activities

Sustainable tourism
supports marine
ecosystem

Exploited marine
ecosystem is unable
to provide ecosystem
services

Unplanned tourism
results to direct and
indirect impacts to
marine ecosystem

Business-as-usual

Sustainable tourism

is “tourism that takes full account of its current and future economic, social and environmental impacts, addressing the needs of visitors, the industry, the environment and host communities.”

Sustainable **tourism** should be able to:

- a. make optimal use of environmental resources that constitute a key element in tourism development.
- b. respect the socio-cultural authenticity of host communities; and
- c. ensure viable, long-term economic operations.

The 3R Approach for Sustainable Tourism

The 3R Approach for Sustainable Tourism

Sustainable tourism involves resource conservation and resource efficiency, cultural integrity and socioeconomic wellbeing .

Therefore, 3R for sustainable tourism means:

Reduce

Closing the (material cycle) loop to keep further Resource extraction at a minimum

Reuse

Keep in cycle those that are already in use by extending lifetime of materials

Recycle

Finding another purpose for materials that has reached end of-life



Case No. 1: Environmentally-friendly Hotel Management

3-star Hotel Sigiriya in Sri Lanka transformed from an old resort hotel to a more energy-efficient and environmentally-conscious business

Conserving Energy & minimizing air pollution

- Card key controls fixed to air-conditioners
- Gasifier using carbon-neutral energy

Conserving Water

- Sewage treatment plant
- Reuse treated water

Minimizing solid waste

- Cloth laundry baskets
- Shampoo dispensed in ceramic bottles

Minimizing other chemical pollution

- Biodegradable cleaning agents
- Natural pesticides



Case No. 2: Environmentally-friendly Hotel Management in Egypt

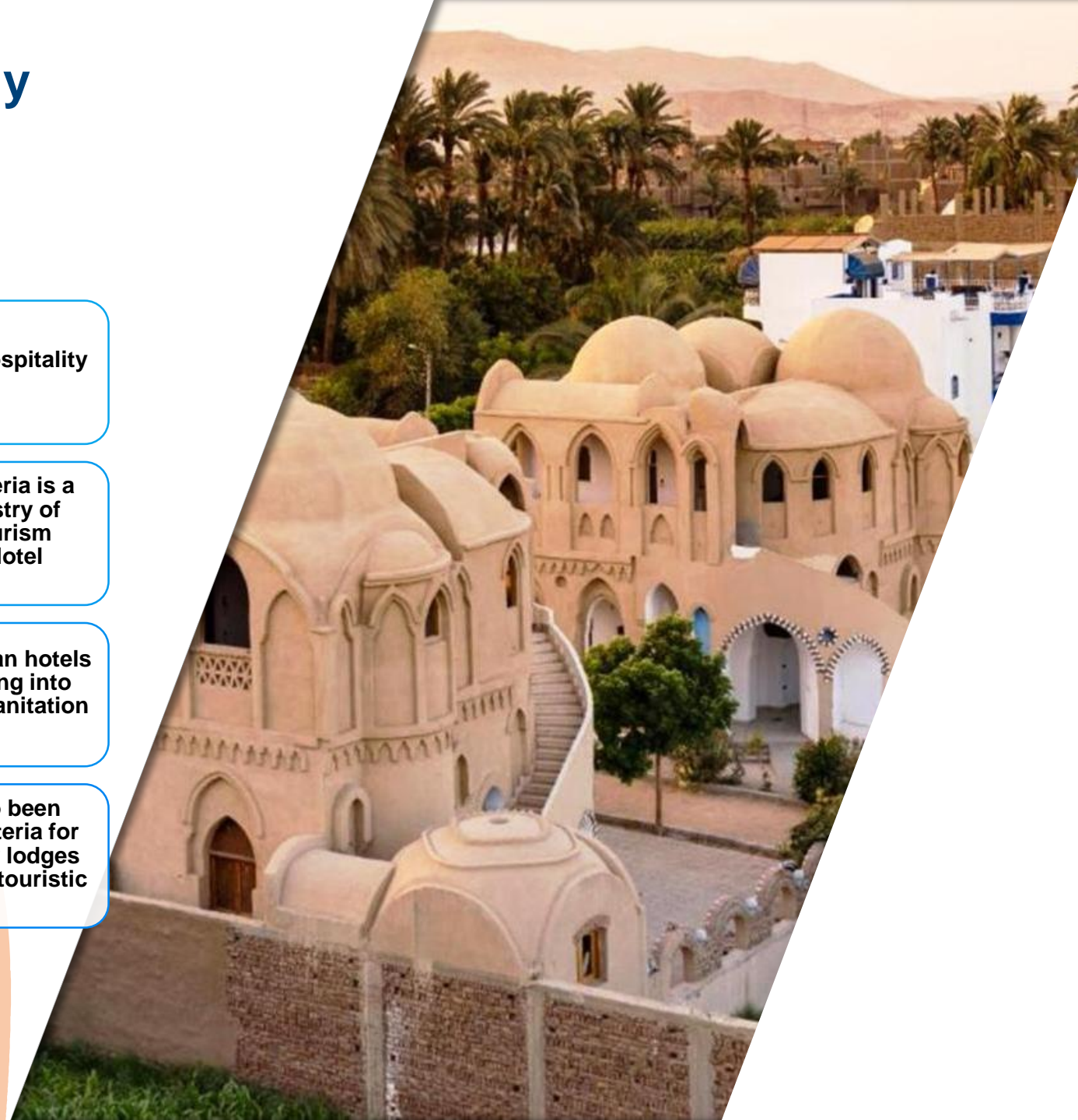


Tourism Ministry announces new hospitality criteria for Egypt's hotels

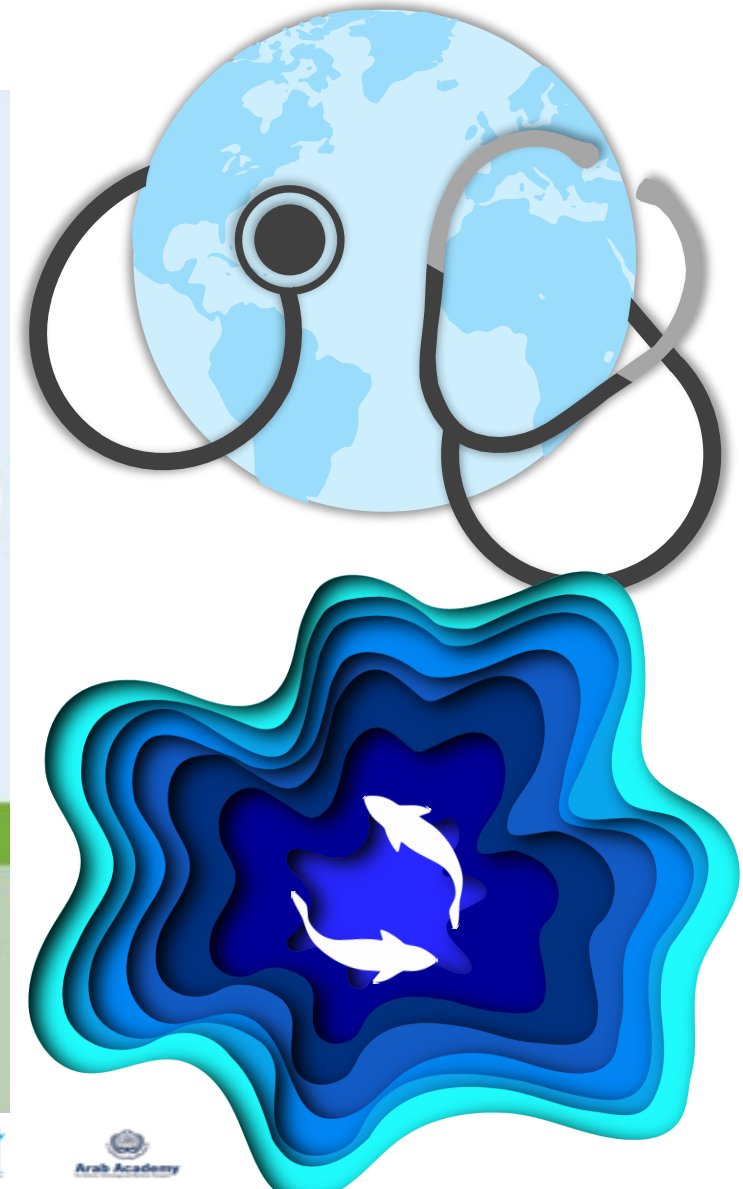
The newly revealed hospitality criteria is a joint effort completed by the Ministry of Tourism alongside the World Tourism Organization and the Egyptian Hotel Association

This new criteria will prompt Egyptian hotels to become more eco-friendly, putting into consideration vital issues such as sanitation and health.

Several new hotel types have also been encompassed in the Hospitality Criteria for the first time, including eco-friendly lodges and heritage hotels, due to growing touristic demand.



Reducing carbon emissions from air travel

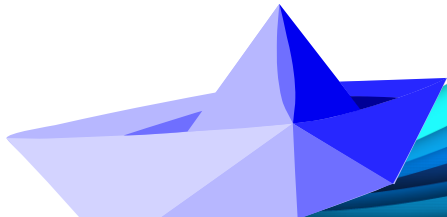


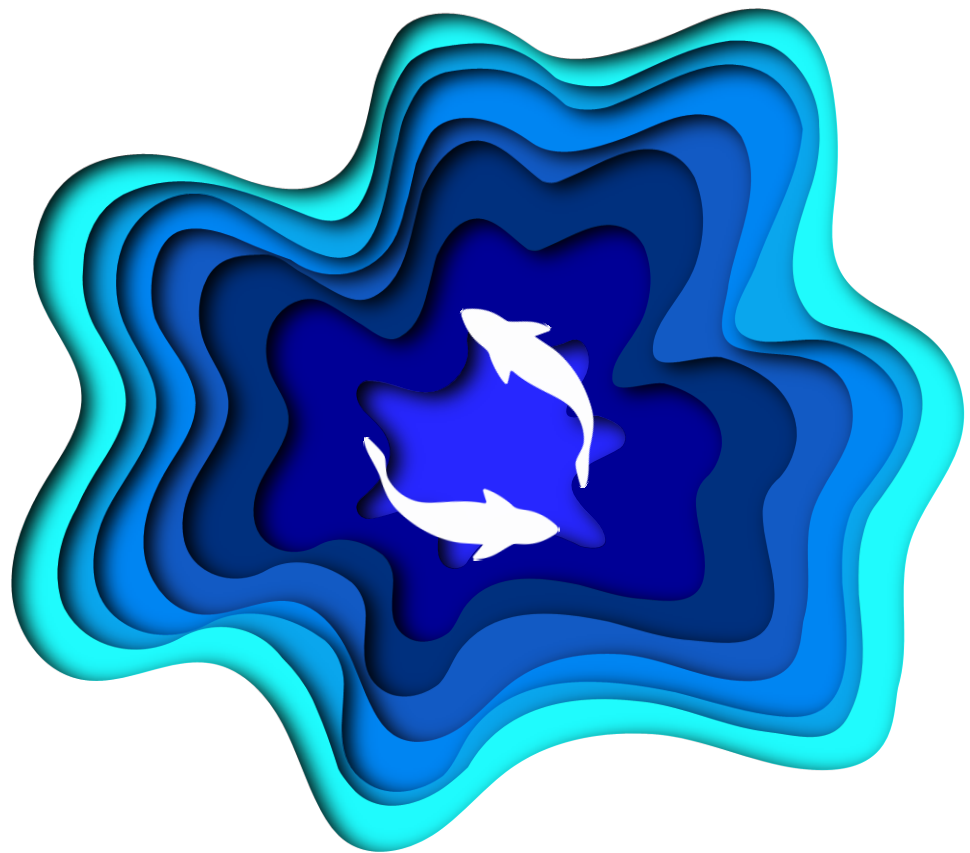
2021 Stop Ocean Plastic Pollution



Lessons learned from 3R Cases

- Tap into the concerns of the community
- Public-private partnership can provide the skills, technology, funding and efficiency
- Plan, rethink and choose 3R initiatives wisely
- Lifecycle perspective is important in designing 3R initiatives
- Sustainability initiatives need not be technology-intensive or capital-intensive. Learn and apply proven simple solutions yet be open to applying appropriate technological developments.
- Waste is resource, but this should not deter sustainable consumption
- Collaborative effort





THANK YOU